



PATENT  
Case FCS-7371 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JOHN G. SANTOBIANCO ET AL.

APPLN. NO.: 10/511,508

FILED: OCTOBER 15, 2004

A NEW CLASS OF AMINE COINITIATORS IN  
PHOTOINITIATED POLYMERIZATIONS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Enclosed herewith for consideration by the Examiner is an Information Disclosure Form PTO/SB/08A. There are 45 documents listed, but only 11 are enclosed, as the other documents listed are U.S. Patents.

Respectfully Submitted,

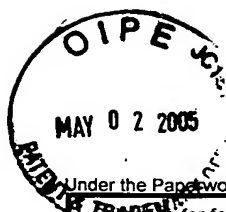
John F. Sieberth  
Reg. No. 17,704  
Associate Attorney of Record

Telephone: (225) 291-4600  
Facsimile: (225) 291-4606

**CERTIFICATE OF MAILING**

I hereby certify that, in the course of ordinary business, this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231.

4-27-05  
Date



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Form for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/511,508
Filing Date	10/15/2004
First Named Inventor	John G. Santobianco et al.
Art Unit	---
Examiner Name	---
Attorney Docket Number	FCS-7371 US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US-1	US-3759807	09-18-1973	Osborn et al	
	US-2	US-4054682	10-18-1977	Kuesters et al	
	US-3	US-4071424	01-31-1978	Dart et al	
	US-4	US-B1 4071424	07-18-1995	Dart et al	
	US-5	US-4089762	05-16-1978	Frodsham	
	US-6	US-4233396	11-11-1980	Armstrong et al	
	US-7	US-4297185	10-27-1981	Chevreur et al.	
	US-8	US-4355077	10-19-1982	Chevreur et al.	
	US-9	US-4416826	11-22-1983	Neckers	
	US-10	US-4498963	02-12-1985	Neckers	
	US-11	US-4501889	02-26-1985	Wells et al.	
	US-12	US-4666952	05-19-1987	Henne et al.	
	US-13	US-4752649	06-21-1988	Neckers	
	US-14	US-4831188	05-16-1989	Neckers	
	US-15	US-4843136	06-27-1989	Reiners et al.	
	US-16	US-4904629	02-27-1990	Galla et al.	
	US-17	US-4904750	02-27-1990	Reiners et al.	
	US-18	US-4948702	08-14-1990	Wallbillich et al.	
	US-19	US-5091583	02-25-1992	Casey et al.	
	US-20	US-5288589	02-22-1994	McKeever et al.	
	US-21	US-5322940	06-21-1994	Savoca et al.	
	US-22	US-5348844	09-20-1994	Garmong	
	US-23	US-5387682	02-07-1995	Bonham et al.	
	US-24	US-5405731	04-11-1995	Chandrasekaran et al.	
	US-25	US-5458921	10-17-1995	Briguglio et al.	
	US-26	US-5496504	03-05-1996	Bonham et al.	
	US-27	US-5521229	05-28-1996	Lu et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	FP-1	EP 0 001 466 A1	04-18-1979	Akzo N.V.		
	FP-2	EP 0 012 949 A1	07-09-1980	Mitsubishi Rayon Co., Ltd.		
	FP-3	EP 0 197 616 A1	10-15-1986	DSM Resins BV		
	FP-4	GB 1 304 112	01-24-1973	Union Carbide Corporation		
	FP-5	WP 03/091288 A1	11-06-2003	Albemarle Corporation		

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Attorney Docket Number	FCS-7371 US
------------------------	-------------

Sheet	2	of	3
-------	---	----	---

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/511,508		
		Filing Date	10/15/2004		
		First Named Inventor	John G. Santobianco et al.		
		Art Unit	----		
		Examiner Name	----		
Sheet	3	of	3	Attorney Docket Number	FCS-7371 US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L-1	FIRSTCURE AS-1 Amine Synergist; Albemarle Corporation, May 2002, 2 pages.	
	L-2	FIRSTCURE AS-1 Amine Synergist Technical Bulletin; AS-1 Compared to Amine Acrylate Adducts; Albemarle Corporation, December 2002, 2 pages.	
	L-3	FIRSTCURE AS-1 Amine Synergist Technical Bulletin; AS-1 versus MDEA; Albemarle Corporation, October 2002; 2 pages.	
	L-4	FIRSTCURE AS-3 Amine Synergist Technical Bulletin; AS-3 Compared to Amine Acrylate Synergist; Albemarle Corporation, December 2002, 2 pages.	
	L-5	FIRSTCURE AS-4 Amine Synergist Technical Bulletin; AS-4 Compared to Amine Acrylate Adducts; Albemarle Corporation, October 2003, 2 pages.	
	L-6	FIRSTCURE AS-4 Amine Synergist Technical Bulletin; AS-4 Compared to Amine Acrylate Synergist; Albemarle Corporation, October 2003, 2 pages.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.